

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A liquid ejecting head, comprising:

a passage unit, having a nozzle opening, a pressure generating chamber communicating with the nozzle opening, and a reservoir holding a liquid to be supplying to the pressure generating chamber;

a head case, on which the passage unit is attached;

a pressure generating element for applying variance of pressure to the pressure generating chambers, accommodated in a space defined in the head case; and

a head substrate, closing an opening of the space of the head case,

wherein an air sealing member is disposed between the head case and the head substrate[[.]]; and

wherein the air sealing member is disposed between a sealing end face being opposed to a passage unit side of the head ease and the head substrate.

2. (canceled).

3. (original): The liquid ejecting head as set forth in claim 1, wherein the air sealing member is disposed so as to surround a periphery of the openings of the head.

4. (original): The liquid ejecting head as set forth in claim 1, wherein the air sealing member is comprised of a low elastic material.

5. (withdrawn): The liquid ejecting head as set forth in claim 4, wherein the low elastic material is a gel material.

6. (currently amended): The liquid ejecting head as set forth in claim 21, wherein the air sealing member is a molded elastic part.

7. (currently amended): The liquid ejecting head as set forth in claim 21, wherein the air sealing member is an elastic sealing material having semi-fluidity.

8. (withdrawn): The liquid ejecting head as set forth in claim 1, wherein an opening through which a conducting wire is passed is formed on the head substrate; and wherein the opening of the head substrate is sealed.

9. (withdrawn): The liquid ejecting head as set forth in claim 1, wherein a through hole for leaking a gas formed on the head substrate is sealed by a sealing treatment.

10. (original): The liquid ejecting head as set forth in claim 1, wherein the liquid ejecting head is served for an ink jet recording apparatus.

11. (withdrawn): The liquid ejecting head as set forth in claim 1, wherein a groove is formed on either the head case or the head substrate; and

wherein the air sealing member is disposed in the groove.

12. (withdrawn): The liquid ejecting head as set forth in claim 11, wherein a protrusion is formed on either the head case or the head substrate so that the protrusion is opposed to the groove formed on other one of either the head case or the head substrate; and wherein the air sealing member disposed in the groove is crushed by the protrusion.

13. (withdrawn): A liquid ejecting head, comprising:

a passage unit, having a nozzle opening, a pressure generating chamber communicating with the nozzle opening, a reservoir holding a liquid to be supplying to the pressure generating chamber, and a vibrating plate closing openings of the pressure generating chamber and the reservoir;

a head case, on which the passage unit is attached; and

a pressure generating element for applying variance of pressure to the pressure generating chambers, accommodated in a space defined in the head case,

wherein an air sealing member is disposed between the head case and the pressure generating element so as to form a space portion defined between the vibrating plate and the air sealing member.

14. (withdrawn): The liquid ejecting head as set forth in claim 13, wherein a plurality of pressure generating elements are accommodated in the space of the head case.

15. (withdrawn): The liquid ejecting head as set forth in claim 13, wherein the pressure generating element has an elongated shape in which a longitudinal direction thereof is parallel to a vibrating direction of the vibrating plate.

16. (withdrawn): The liquid ejecting head as set forth in claim 13, wherein a space portion between an inside face of the space in the head case and the pressure generating element is formed to be narrow toward the side of the vibrating plate.

17. (withdrawn): The liquid ejecting head as set forth in claim 16, wherein the air sealing member is disposed at a part of the space portion which becomes narrower.

18. (withdrawn): The liquid ejecting head as set forth in claim 13, wherein the air sealing member is comprised of a low elastic material.

19. (withdrawn): The liquid ejecting head as set forth in claim 18, wherein the low elastic material is a gelled material.

20. (withdrawn): The liquid ejecting head as set forth in claim 13, wherein the air sealing member has insularity.

21. (withdrawn): The liquid ejecting head as set forth in claim 13, wherein the liquid ejecting head is served for an ink jet recording apparatus.